

# Sunburst Site Update

Texaco Sunburst Works Refinery Cleanup

May 2013



For more information or to be added to the mailing list please contact:

Chris Cote  
DEQ Remediation  
1100 N. Last Chance Gulch  
PO Box 200901  
Helena, MT 59620-0901

Email: [ccote2@mt.gov](mailto:ccote2@mt.gov)

Phone: (406) 841-5078

You can also call 1-800-246-8198 and ask for Chris.

Website:  
<http://deq.mt.gov/statesuperfund/sunburst.mcp>

## Public Meeting July 11th at Lutheran Parish Hall

The Montana Department of Environmental Quality (DEQ) will host a public meeting at 5:30pm on Thursday July 11th at the Lutheran Parish Hall at 114 1st Avenue South. The completed Phase II Remedial Investigation (RI), ongoing Risk Assessments, and the path towards final cleanup in Sunburst will be discussed. DEQ will make reasonable accommodations for persons with disabilities who wish to participate in the public meeting. If you require an accommodation, please contact Jeni Garcin at 841-5016 or [jgarcin2@mt.gov](mailto:jgarcin2@mt.gov) by July 3rd.

## Phase II RI Completed

Last summer (2012), Chevron completed field work for the DEQ-required Phase II Remedial Investigation (RI) for the Texaco-Sunburst Works Refinery Facility. This task took three years to complete due to the extensive scope of the investigation. Chevron has submitted its report for this work and DEQ has reviewed and commented on the report. DEQ expects to approve a revised version of the report by early this summer. The Phase II RI provides a clear picture of the extent of contamination remaining from the former refinery in soil, groundwater, sediment, air, and surface water, and will be used to direct all future DEQ-required cleanup activities in Sunburst. The draft Phase II RI Report is available at the Sunburst **Public Library, DEQ's Remediation offices** in Helena, or online at the website listed on the left hand side of the page.

DEQ is requiring Chevron to assess ecological and human health risks based on the known extent of contamination. The risk assessments will determine the risk that remaining contaminants can pose to humans, wildlife, and the environment, and will include cleanup levels. DEQ expects these risk assessments to be complete this summer.

Additionally, work is ongoing to develop a Feasibility Study for the former refinery. A Feasibility Study evaluates various cleanup technologies to determine what is most effective for remediating the contamination. DEQ will use this information to identify a preferred final cleanup in the Proposed Plan. DEQ expects that field work associated with the Feasibility Study will begin late summer and will focus on testing technologies to clean up groundwater contamination.



*Refinery operating in 1953*

Now that the Phase II RI is complete,

## Free Product Recovery

DEQ continues to require monthly monitoring and recovery of petroleum floating on top of groundwater (free product) wherever it exists. Currently 12 monitoring wells contain measurable amounts of free product, all of which contain free product recovery sys-

tems. Recently an additional monitoring well at the southern edge of the town Sunburst was found to have a trace of free product and was added to the monthly monitoring network. Since 2007, more than 900 gallons of free product have been recovered.



*Photo: Surface Water Sample Collection from the lakebed east of the former refinery*



Montana DEQ Remediation Division  
PO Box 200901  
Helena, MT 59620-0901

Phone: 406-841-5078, 1-800-246-8198  
[www.deq.mt.gov](http://www.deq.mt.gov)  
[ccote2@mt.gov](mailto:ccote2@mt.gov)

*The Montana Department of Environmental  
Quality's mission is to protect, sustain, and  
improve a clean and healthful environment  
to benefit present and future generations.*

CURRENT RESIDENT  
SUNBURST MT 59482

## 2013 Summer Field Work and Site Activities

The following activities and field work are planned for the upcoming months:

- Finalization of the Phase II RI Report;
  - Additional soil and sediment sampling to support ecological and human health risk assessments;
  - Completion of both ecological and human health risk assessments;
  - Completion of remaining soil excavations on residential properties;
  - Continued removal of petroleum floating on the groundwater table where this exists;
  - Pilot testing of technologies to clean up areas of groundwater contamination;
  - DEQ hosts a public meeting on Thursday July 11th at the Lutheran Parish Hall (114 1st Avenue South) at 5:30pm to discuss the Phase II Remedial Investigation findings and the next steps towards final cleanup.
-